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AMENDMENTS TO THE CLAIMS

1. (Currently amended): A method for purifying polypeptide monomers from a mixture consisting essentially of said polypeptide monomers, and dimers or multimers of said polypeptide monomers or both dimers and multimers of said polypeptide monomers, wherein the method consists essentially of:

(a) applying the mixture to a cation-exchange or anion-exchange chromatography resin in a buffer, wherein if the resin is cation-exchange, the pH of the buffer is about 4-7, and wherein if the resin is anion-exchange, the pH of the buffer is about 6-9, [and]

(b) eluting the mixture at a gradient of about 0-1 M of an elution salt, wherein the monomer is purified from the dimers or multimers or both present in the mixture, and wherein the purified monomer has a purity of greater than 99.5% and the monomer yield is greater than 90%, and

(c) recovering the monomer.

2. (Previously amended): The method of claim 1 wherein the polypeptide is a serum albumin.

3. (Previously amended): The method of claim 1 wherein the polypeptide is anti-IgE, anti-IgG, anti-Her-2, anti-CD11a, anti-CD18, anti-CD20, anti-VEGF, or IgE.

4. (Original): The method of claim 2 wherein the serum albumin is bovine serum albumin.

5. (Original): The method of claim 1 wherein the ion-exchange resin is a cation-exchange resin.

6. (Original): The method of claim 1 wherein the ion-exchange resin is an anion-exchange resin.

7. (Original): The method of claim 1 wherein the gradient is linear.

8. (Original): The method of claim 1 wherein the gradient is stepwise.

9. (Original): The method of claim 1 wherein the elution salt is a sodium salt.

10. (Original): The method of claim 9 wherein the elution salt is sodium chloride.

11. (Original): The method of claim 1 wherein the gradient is from 0 to 500 mM elution salt.

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12. (Original): The method of claim 1 wherein the gradient is from 50 to 200 mM elution salt.
13. (Original): The method of claim 1 wherein the gradient is from 0 to 50 mM elution salt.
14. (Previously added): The method of claim 1 wherein the polypeptide is an antibody.
15. (Previously added): The method of claim 1 wherein the polypeptide is a monoclonal antibody.